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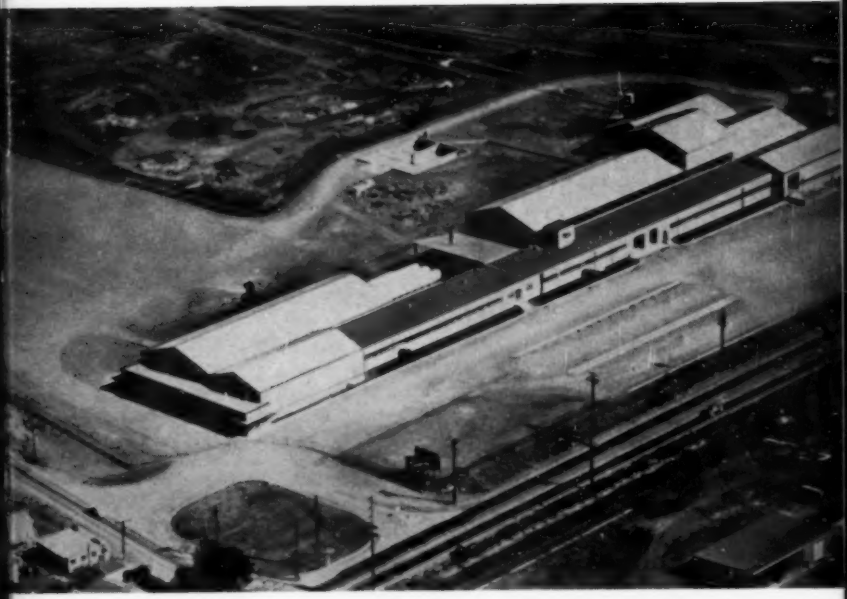

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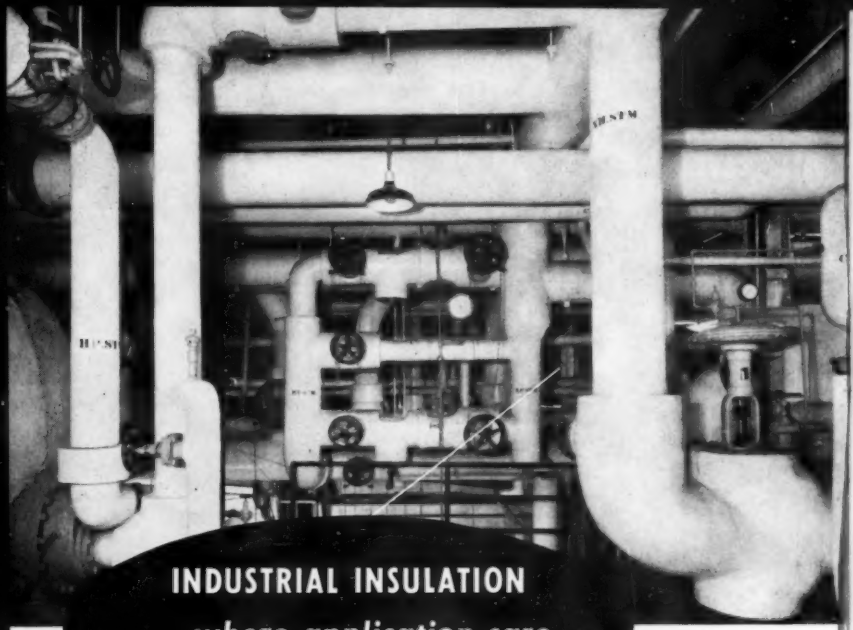

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CANADIAN ASBESTOS INDUSTRY IN 1953

Canadian asbestos fibre output in 1953 showed a slight dip from 1952. At 912,000 tons, it was off 1.9% from the previous year's 929,000 tons, while value at $87.6 millions showed the same percentage decline from $89.3 millions.

During 1953, the asbestos shortage which had featured many of the earlier postwar years disappeared. Demand was still very good, but supplies were ample for all grades and many overseas markets turned a bit softer. Canadian prices were firm throughout the year.

Demand for Canadian asbestos depends, of course, almost entirely on world markets (over 97% is exported). Business conditions in many countries have become much more competitive in the last year and in some areas, such as the United States (where must of Canada's production goes) a downturn in industrial production is under way. Thus the general trend of asbestos demand this year may be downward again but no very sharp drop is expected and prices so far have not weakened.

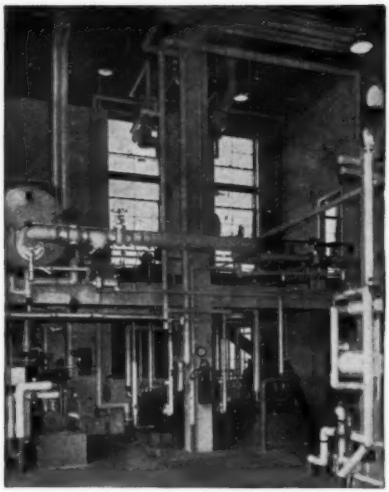
But while the immediate outlook may be for slightly lower production, the longer-term picture is generally considered very bright. New uses for asbestos are steadily being uncovered, while demand in long-established markets shows every promise of rising.

The impressive line-up of asbestos mining expansion and improvement programs under way in Canada reflects this feeling.

Canadian asbestos mines and mills — all except one in Ontario and one in British Columbia are located in Quebec's Eastern Townships — are highly mechanized.

Hand operations in the mines have been almost completely eliminated and milling equipment is almost entirely automatic (which means more grading uniformity.) Mill flow sheets have been simplified and streamlined to eliminate bottlenecks and delays during the processing cycle.

Crushing, drying, fiberizing, screening and aspirating operations are well balanced, which facilitates higher fibre



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recoveries. Grading techniques have been advanced to the point where some 75 different grades can be produced, according to customer requirements.

For many years, every producer had his own grading method, which meant almost innumerable grades on the market and no standardization. To overcome this, the Quebec Government some years ago worked out a standard system of grading with which all must comply. Efficient grading depends to a great extent on uniformity of the ore and, fortunately Quebec's Eastern Townships asbestos deposits are fairly consistent both in structure and content.

Average asbestos content in Canadian deposits presently mined is 5% per ton of rock mined and 7.5% to 8% per ton milled. The minimum economic content depends to a certain extent on grade and texture. A conservative figure would be 2.5% per ton of ore.

The following table shows how production has increased since 1920:

1920 — 199,573	1945 — 466,897
1925 — 273,524	1950 — 875,344
1930 — 242,114	1951 — 973,198
1935 — 210,467	1952 — 929,339
1940 — 346,805	1953 — 911,713

Asbestos Corporation Ltd.

Development of the new Normandie Mine ore body and construction of associated plant progressed satisfactorily and production is expected to begin late in 1954. The Company's four producing mines operated at close to capacity throughout last year.

At the King Mine, the additional slusher hoists and scrapers purchased in 1952 have now been installed and are operating effectively. The gradual replacement of the screens in the mill which was started towards the end of 1952 continued throughout the year. It is perhaps of interest to note that 1953 marked the 75th year of continuous operations at the King Mine. The Company, together with two other mining companies in Thetford Mines, is now cooperating in an undertaking in the city which involves the relocation of more than eight miles of the main line of the Que-

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bec Central Railway, the construction of a new station, freight shed and yards, the relocation of certain dwellings and commercial buildings, the establishment of new streets and the replacement of municipal and other services.

At the Beaver Mine, a new 5 cubic yard electric power shovel, an angledozer and 5 heavy duty diesel trucks were bought to provide for the development and eventual mining of the new ore body at that mine. This project also involved the building of 1,000 feet of new road and the expansion of truck garage repair facilities.

Construction of the new building at the British Canadian Mine which houses the drill shop, compressors, the locker and lunch rooms and the mine office was completed during the year and some additions to mining equipment were made.

Operating results at the Vimy Ridge Mine were well above last year. Mine roads were extended and a new 25,000 gallon water tank installed.

Bell Asbestos Mines, Ltd.

Operations at the Bell Asbestos Mines were normal during the year; no alterations or additions were made to the plant.

Canadian Johns-Manville

Production at the Jeffrey Mines, in Asbestos, P. Q., amounted in 1953 to 481,805 tons. At this location, Johns-Manville is presently in the midst of an extensive expansion program, designed to meet the development needs of the property for the next half-century. A second concrete headframe was built in 1952 and a second 1,500 feet underground vertical shaft is presently being sunk, which will permit the opening of a second caving level.

Other constructions that were completed in 1953 can be briefly described as follows: (a) A second Hoist House and the installation of one cage and two skip hoists to be used in connection with the second shaft. (b) A central concrete mix plant at the surface supplying concrete to any point of the underground mine. (c) A vast office building for the personnel of the milling department, mining, industrial and safety engineers, draftsmen, etc. (d) The most important single project, however, is the

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Asbestos Fibre Division
Canadian Johns-Manville Limited
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construction of a large new asbestos fibre mill now well underway. It is 14 stories high and will eventually replace all present milling facilities. The new mill will incorporate the most modern facilities available for the milling of asbestos fibre. The building is constructed of steel and transite-cement sheets cover sidewalls and roof. The mill capacity will be about 600,000 tons of asbestos fibre per year, and will produce better fibres and provide greatly improved working conditions. The first quarter will go into operations in June 1954 and the entire mill is scheduled to be completed by June 1956.

Production at the Munro Mine, Ontario's sole asbestos producer, located near Matheson, Ontario, and operated by Canadian Johns-Manville Company, Limited, amounted in 1953 to some 23,831 tons, as compared with 22,983 tons in 1952.

In the course of the year, the mill screening capacity was increased and a new stacker added to facilitate disposal of mill tailings. To provide greater hauling capacity from the open pit, units have been changed from 15 ton trucks to 25 ton trucks.

Along with these recent additions and changes, working conditions have also been improved. Through new designs of dust hoods on screens and belt conveyors, a better control of dust elimination throughout the processing operations. In addition, to provide comfortable living quarters for its single employees, the Company recently built a 30 room Boarding House in Matheson, equipped with the most modern facilities and implements.

Since the beginning of production in the Spring of 1950, the Munro operations have grown and now rank with the important mines of the province. Several other orebodies, some larger than the one providing production, have been discovered both on the original property and further afield, thus assuring Ontario a significant role in the asbestos industry.

The present pit is on the "A" orebody, which has provided all production to date. Recovery is chiefly in the form of group No. 4 shingle stock fibre. It is a little on the harsh side but is of good quality and, as it is fast filtering, it is well suited for the making of wet cement

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products, such as the Johns-Manville transite pipe. The mine has three other orebodies. The latter have been tested and show grade to be comparable with that of "A".

Company engineers are preparing plans for underground mining. It is estimated that the open pit will meet the present production rate for another 5 to 7 years so that by the time the operation is ready to swing over to underground entirely, there should be no drop in production.

In recent years Canadian Johns-Manville has stepped up its exploration program for asbestos fibre. In 1952, the Company purchased the Bird-Ginn asbestos ore property in Northern Ontario, some 27 miles east of Matheson. In 1953 the Company acquired an additional asbestos ore deposit in Reeves Township, about 35 miles southwest of Timmins. There is no need at the present time to establish production facilities at the new site because there is ample asbestos fibre production capacity in Canada and in other areas of the world. The purchase of these properties is in keeping with Canadian Johns-Manville's long range program to maintain adequate sources of asbestos ore for many years to come and to ensure the free world of ample reserves of this strategic material.

Rhodesian Asbestos Limited is under the direction of Canadian Johns-Manville Company, Ltd., in association with British Metals Corp., Ltd., Anglo-Huranian Ltd., Southern Minerals & Marketing Corporation (Pty) Ltd., and the Simon I. Patino interests. The ore properties now under development are located at Mashaba in the Victorian district of Southern Rhodesia.

This project will make Johns-Manville less dependent on outside sources for certain grades of fibre and when in full operation by the middle of 1954, will be the second largest asbestos producing property in Southern Rhodesia. The fibre from Mashaba is the chrysotile type and is suitable for the manufacture of asbestos-cement products including J-M's Transite Pipe, used extensively in the United States and Canada for water and sewage disposal systems and industrial waste systems.

At the present there is a mill on the Mashaba mine site which can produce 150 tons of fibre a month. A new mill

Gold Bond

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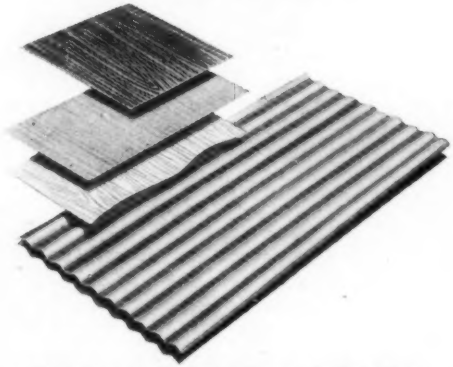

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is well underway, with completion expected sometime during the summer of 1954. Processed asbestos fibre is trucked from Mashaba to the railhead at Fort Victoria from where it is shipped to Beira, Mozambique (Portuguese East Africa) for transport by water to J-M plants and to customers in the United States and abroad.

During 1953, construction of a mechanical service building, including a machine shop, garage and a supply warehouse, was completed. Four 15-ton trucks were shipped to the mine site and other equipment to expand the operations is arriving steadily.

Mining at the Mashaba mines is done by the underground diamond drill blast-hole method (seram drift method.) Sinking of two shafts to a depth of 560 feet was completed during 1953, and headframes were erected over same. With this mining system, 60 horsepower scraping machines push the ore directly from the orebody into cars. The Mashaba operation will be, when fully operating, one of the most highly mechanized mines in Southern Rhodesia.

Cassiar Asbestos Corporation Ltd.

Mining history was made in British Columbia in 1953 when Cassiar Asbestos Corporation started production in a preliminary way at Cassiar, B. C., in the McDame area near the Yukon border. The company's 500-ton mill is scheduled for completion in July 1954. Orders have been placed for an aerial tramway, 14,950 feet long, from mine to mill. Having capacity of 100 tons hourly this equipment is scheduled to start operating next September, permitting the mining season to be extended.

In reporting ore reserves in excess of 7,000,000 tons, or enough to sustain operation on the initial basis for more than 40 years, Robert Devlin, manager, tressed that the economic limits of the deposit are not delimited. True width may average 450 feet over a length of at least 1,200 feet, and asbestos-bearing outcrops have been mapped along a length of approximately 3,000 feet. He reported that on basis of visual readings, the grade appeared to be considerably higher than the average reported one year previously at 7 per cent of 3K and 4 per cent of 4K fibre.

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mining next year was started at beginning of the 1953 season and 22,857 tons of ore were broken. The rock was found to break easily and economically, although its high fibre content retarded drilling. In addition to the ore broken, 50,400 tons of talus were removed from the benches and were trucked to the stockpile at the mill. A feature of removing this talus was the sun's action in freeing frozen ore in unexpected quantities.

The mill has been designed to permit expansion to a larger capacity with a relatively small additional capital outlay. Consumer reception of the product is reported most favorable.

The mine is 86 miles by road south-west of Watson Lake (Mile 648) on the Alaska Highway and it is a further 265 miles along that highway to the company's warehouse near Whitehorse, Yukon. From this warehouse shipments move on White Pass & Yukon Railway to Skagway. At the latter point transportation is by Canadian Pacific Steamships to Vancouver.

The B. C. government provided most of the cost of rebuilding the road from Cassiar Asbestos mine and mill to the Alaska Highway. The company built two miles of the road to the Alaska Highway where it traverses Yukon Territory. Late in 1953, the company, in association with United Keno Hill Mines, lease a wharf at Vancouver which gives facilities for handling ocean shipping and has good railway connections. Suitable storage for asbestos shipments is available, facilitating compliance with customer's shipping requirements.

Continental Asbestos Co. Ltd.

The year 1953 has brought few changes to the company. The mill has been occupied during the year doing custom milling on contracts for various potential asbestos producers. At present the management is negotiating an extended contract with American Smelting and Refining Company., for the purpose of processing a substantial ore tonnage of the United Asbestos Corporation mine at Black Lake, also for testing various types of improved milling machinery. This project is expected to last ten to twelve months and assist greatly in providing the Com-

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pany with some needed capital for further development of its own mine.

Dominion Asbestos Mines

A new producer in 1953, Dominion Asbestos Mines ran into some financial difficulties after the new mill had been operating since last June. The unit has been worked up to around 1,500 tons daily, but it was understood the company had experienced trouble securing sales outlets for its product. National Gypsum Company, seeking as asbestos producer of its own, entered into an agreement with Dominion, terms of which provided an advance of $300,000 for which a lien was to be taken on the company's plant and property. The sum would more than take care of Dominion's liabilities.

National Gypsum secures a 90-day examination option, which, if exercised, would involve outright purchase of the property and assets of Dominion. The 90-day program will involve geological and technological studies, and the purchase will be made only if the results of the test prove satisfactory.

Flintkote Mines Limited

During 1953, no major changes were made in their mining operation. They continued to mill about 1500 tons of asbestos ore per day and continued to search for new properties, which search, is essential in mining for the replacement of orebodies as they are worked out.

Johnson's Company Ltd.

Johnson's Asbestos Company, a privately-owned concern, has expended around $6,000,000 on a new 4,000-ton mill at its Black Lake mine. The plant has enabled the company to increase production rate from 1,000 tons daily.

Lafayette Asbestos Co. Ltd.

Lafayette Asbestos Company Ltd., of Montreal has secured the greater part of an estimated $2,000,000 needed to put its mill into production. It had been proposed to increase the company capital by 1,000,000 shares in order to finance the development, but later found it would not be necessary.

Lake Asbestos

In December 1953 it was announced that Lake Asbestos of Quebec Ltd., subsidiary of American Smelting &

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Refining Company had agreed to put the United Asbestos property into production, in accordance with the original agreement providing for construction of a mill of at least 4,000 tons daily capacity. The agreement was not to be fulfilled until the Quebec government passed an order-in-council authorizing the draining of Black Lake, constructions of dams, etc. Plans and specifications have been filed, as a required condition, and at last report it was expected the enabling order would shortly be made.

United Asbestos Corporation

United Asbestos has sunk a shaft to 565 feet and establishd levels at 260 and 540 feet with lateral work on each. Considerable diamond drilling has been made, and official estimates are that 74,000,000 tons are indicated.

Western Asbestos & Development Ltd.

The Western Asbestos and Development Limited drilled and explored two properties but found neither properties warranted further development. However, they are continuing their investigation and hope to locate a property that would make a mine.

Uses of asbestos are said to be multiplying, and according to experienced observers, producers can look forward with confidence to continuing profitable marketing.

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BUILDING

The Dodge Reports of contracts awarded for future construction projects in the 37 eastern states smashed several records for dollar volume in February, according to F. W. Dodge Corporation, construction news and marketing specialists. The totals set an all-time high for any February in Dodge's 63-year history. The gross figure was $1,221,260,000, up 7 per cent over the previous February high set in 1951, and 20 per cent ahead of February 1953. The totals also were 6 per cent greater than in January, contrary to the usual tendency of totals to drop off slightly in February.

Combined with the surprisingly strong January contract awards, they set an all-time high for the January-February figures, being 9 per cent ahead of the previous January-February high set in 1951, and 13 per cent greater than the first two months of 1953, which started a record-breaking year.

They also set all-time high January-February totals in all three major classifications: nonresidential, residential, and public works and utilities.

"Study of the details of the figures reveals that they are well balanced and with only a usual percentage of the very large single engineering projects," it was stated by Thomas S. Holden, vice chairman of Dodge.

"I agree with a statement by a prominent editor and columnist (David Lawrence) concerning advance reports on the Dodge figures now being released, that 'There's somthing dynamic happening to the American economy right now.' And his further statement that 'the facts are that the latest statistics on construction are sensational in their revelation of an unprecedented building boom.'

"It is of the highest significance that these Dodge Reports out of which we make up our totals are reports of future construction, not past construction. They are actual projects that are in the first stage of construction, or that are about to get under way.

"They indicate high future employment of labor and high future sales of materials in one of the nation's basic industries."

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Individual two-month 1954 award totals compared with the like period 1953 were: nonresidential, $941,789,000, up 21 per cent; residential, $971,255,000, up 11 per cent; heavy engineering, $460,203,000, up 5 per cent.

Individual February awards were: nonresidential, $468,712,000, down 1 per cent from January but 25 per cent above February 1953; residential, $508,773,000, up 10 per cent over January and 22 per cent above February 1953; heavy engineering, $243,775,000, up 13 per cent over January and 7 per cent above February 1953.

ASBESTOS SIDING REPELS WATER

By teaming up silicones with asbestos, Johns-Manville has now created an asbestos siding that defies water in the same way that it defies fire. These water repellant silicones like the fireproof asbestos fibres, are an integral part of the shingle.

This product is called the Silicone Sealed Asbestos Siding, and here is what happens when it rains.

The water, as it hits the siding, draws up into tiny beads that refuse to spread out. So the beads of water roll off harmlessly. There is no water penetration and no wetness causing the color to darken. Furthermore, as the beads of water roll off the siding, water-borne dirt does not have a chance to soak into the wall.

While the Silicone Seal prevents water from entering the siding, it is not a vapor barrier. It does not affect the transpiration essential to the wall of a building. Moisture on the inside can be exhaled. The wall can "breathe". In

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ASBESTOS FIBRES

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PUTTEN'S ASBESTOS CORPORATION OF SOUTH AFRICA

Milled Fibres — *Hand-cobbed Fibres*

JOHANNESBURG

"Shorts" — "Medium" — "Longs" — also "Spinnable Grades"
No order too small — No order too big.

All enquiries will receive prompt and careful attention. If you require information on us, approach our Bankers:

BARCLAYS BANK (D. C. & O.), Loveday Street South, Johannesburg. and VOLKSKAS LIMITED, 76, Market Street, Johannesburg.

We guarantee satisfaction. Our old Clients know that we are not boasting. Give us a chance to prove ourselves and you will also be pleased.

PUTTEN'S ASBESTOS CORPORATION OF SOUTH AFRICA

203/207, Alris Building
3, Rissik Street Johannesburg

Tel. add.: Euraf Johannesburg — P.O. Box 7167 — Tel. 33-9052

Members: Johannesburg Chamber of Commerce.
South African Asbestos Exporters' Association.
Asbestos & Base Mineral Association of Southern Africa.

other words, this Silicone Seal is not a superficial mechanical barrier. Rather, it is a chemical merging of silicone molecules with other ingredients. Thus, the microscopic pores that permit breathing are not plugged up or glazed over. The essential asbestos-cement structure of the siding is not affected.

Also, the appearance is not affected. The Silicone Seal is completely invisible so this new siding is available in true, clean colors such as white, gray, pastels and darker tones. On a sunny day, there is no evidence of anything different. But when it rains, the water repellent characteristics can be fully appreciated.

The results attributed to silicones have earned them the group name of "the wonder chemical". Silicones are hybrids, neither organic nor inorganic, that inherit properties from both sides of the family. These properties include remarkable resistance to heat and cold as well as water repellency.

Silicones were first discovered in the laboratory some fifty years ago. Intensive study finally made them available in quantity. Now the formulations and manufacturing methods developed by Johns-Manville make it possible, for the first time, to have the safety of asbestos plus the adadvantages of silicones.

This siding, which combines silicones, "the wonder chemical", and asbestos, "the magic mineral" is available nationally. Both the Smooth-grain and Cedargrain Siding are Silicone Sealed, and they are being made at all Johns-Manville plants producing Asbestos Siding.

Hundreds of new uses of materials for products manufactured by the nation's industrial plants will be considered and discussed at the second Basic Materials Conference, to be held at the International Ampitheatre, Chicago, concurrently with the Basic Materials Exposition, May 17-20; 17 specialists address sessions; 10,000 executives and engineers expected.

Advance registration cards may be obtained from Clapp & Poliak, Inc., 341 Madison Ave., New York 17, N. Y.

CANADIAN ASBESTOS FIBERS

THE NICOLET MINE
Norbestos (via Warwick)
Que.

Address Inquiries to:

NICOLET ASBESTOS MINES LIMITED INC.*

70 Pine Street

New York 5, New York

****One of the NICOLET Industries***

MARKET CONDITIONS

GENERAL BUSINESS.

While many recognized indices of our economic health indicate a growing recessionary trend it must be borne in mind that the compilation of such figures is a lengthy task and many of them tell us what happened a month or more ago rather than what is happening today. Hence, if and when there is a halt to or a reversal of the downward trend, it will not be officially recognized for several months after its occurrence. At the moment many apparently minor happenings in the business world indicate that an upward turn may have already occurred. There seems to be a quietly optimistic feeling among many industrialists who, several months ago were quite pessimistic. This attitude, which also seems to prevail among securities buyers, indicates that at least up to now we are not succumbing to fear of the sort which could lead to a serious depression. The general feeling now is that the Easter season, somewhat late this year, should give a revealing clue as to the trend of consumer purchasing for the balance of the year and that industrial activity will probably follow the same trend.

ASBESTOS — MANUFACTURED GOODS.

Asbestos Textiles. There has been no improvement in the past month. All consistent users of textiles are unwilling to forecast requirements in advance, with the result that backlogs are very small and it is necessary to carry heavier inventories than has been necessary during the past several years. The wire industry is showing more signs of activity.

Asbestos Brake Lining. The automotive replacement market has changed and the outlook for 1954 is good.

Asbestos Paper. Orders for paper have diminished quite sharply during the past month and there is no longer the backlog which prevailed during the same period last year. A noticeable competitive situation is developing. The *Millboard* market continues to be slow, thus factories are accumulating inventories for emergency shipments. The present demands for *Saturated Paper* continue less than

WORLD'S LARGEST SUPPLIER

of

Amosite Asbestos

EGNEP, LTD., SKEFKO HOUSE

Rissik Street, Johannesburg, South Africa

(Mines centered at Penge, Northern Transvaal)

An Associate Company of

THE CAPE ASBESTOS CO., Ltd.

114-116 Park Street, London, W.1.

Amosite is a versatile fiber, ideal for rapid water release in wet-process filtration . . . as a reinforcement for asbestos-cement products, plastics, and rigid insulations . . . as an insulating medium. Relatively great fiber length and bulking give Amosite unique characteristics. For further information, contact the following Cape Asbestos Co. subsidiaries:

●

In United States

NORTH AMERICAN ASBESTOS CORPORATION

Board of Trade Building, Chicago 4, Ill.

In Canada

CAPE ASBESTOS (CANADA) LTD.

200 Bloor Street East, Toronto, Ont.

production, increasing slightly during last half of the first quarter with improvement in general weather conditions.

Insulation. High Pressure. Insulation business continues at a fair pace. Orders for contracts closed several months ago are being received which tends to inflate backlog. Present operations do not indicate a large volume of business being done on the basis of contracts closed. There is a definite trend away from plant expansion to increasing plant efficiency in order to place manufacturing units in a more competitive position for the coming year. This tendency should keep the volume of High Pressure Insulation materials near the volume which was sold during 1953.

Insulation. Low Pressure—Orders to date have been moderate to heavy and should remain steady for the balance of the year since commercial buildings, shopping centers, and housing projects are in the early construction stages and low pressure insulation materials will be needed during late summer and fall.

Asbestos Cement Products. The market is still slow but improving.

The volume of roofing and siding orders during the latter part of March indicates an upward trend. Reports from the field indicate greater activity in the residing market.

Demands for corrugated and flat are increasing but still below production. As weather improves an increase in orders is expected.

The sales of Pressure and Sewer pipe continue on the increase. The gas vent pipe, building sewer pipe, warm air duct and conduits markets should strengthen with the approach of spring.

The above comments have been made by various informed executives in the Industry. All comments are welcome.

We have in our files copy of reprint of the article "South African Asbestos Fibres", by J. J. Frankel, D.Sc., A.M.I.M.M.,F.G.S.

This article appeared in the August and September 1953 issues of The Mining Magazine of London. We will be glad to lend our reprint to interested readers.

MOUNTBRIDGE EXPLORATION & INVESTMENT CO. (PTY) LTD.

Lubraco House, C/r Nugget & Pritchard Streets, Johannesburg. Box 4421. Cables "Montexin"

South African and Rhodesian

Asbestos Fibres

ENQUIRIES WELCOME

Canada

(Department of Mines, Province of Quebec)

Tons 2000 lbs.

Production for January 1954 ..... 54,936 tons
Compared with January 1953 ..... 68,070 tons

Dominion Production for January 1954 is 56,800 tons, a difference of 1,864 tons from the Quebec figure.

Africa (Rhodesia)

(Published by Rhodesia Chamber of Mines)

Tons 2000 lbs.

Production for November 1953 ..... 6,588.57 tons
Valued at £349,437
Production for November 1952 ..... 7,414.74 tons
Valued at £556,293

Africa (Swaziland)

Production for February 1954 ..... 2,356 tons

INDIA

(From Mineral Trade Notes, Jan. 1954)

Production of asbestos totaled 683 long tons valued at RS 486,030 in 1952, compared with 518 tons valued at RS 238,762 in 1951.

In 1952, 11,148 tons of raw asbestos were imported, 39 tons were exported, and 11,792 tons were available for consumption. Asbestos products valued at RS 4,875,592 were imported during 1952.

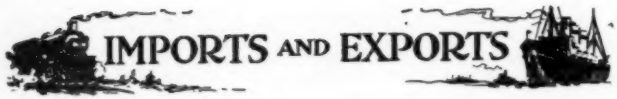
SWEDEN

(From Mineral Trade Notes, Jan. 1954)

Imports of unmanufactured asbestos totaled 11,255 metric tons valued at 13,950,000 kroner in 1952, compared with 5,280 tons valued at 4,821,000 kroner in 1951. (1 krona equaled $USO.19327 in 1951; $USO.19326 in 1952; and $USO.19323 in 1953). None was exported; it was used for manufactured asbestos products. In the first 9 months of 1953, imports of unmanufactured asbestos totaled 7,291 tons valued at 7,671,000 kroner. (Swedish trade statistics).

FOR SALE

One Canadian Asbestos Testing Machine manufactured by Thetford Foundries, Thetford, Canada. New condition, about one year old . . . immediate delivery, price interesting. Address: Box 4ST-NY, "ASBESTOS", 808 Western Saving Fund Bldg., Philadelphia 7, Pa.



Imports into U. S. A.

(Figures by Bureau of Census)

Unmanufactured Asbestos—By Countries:

	November 1953 Tons (2240 lbs.)
From Canada	43,789
Union of S. Africa	2,496
Southern Rhodesia	998
Mozambique	179
Australia	111
Bolivia	85
So. B. Africa	39
Other Countries	17
	47,714
Valued at	$4,550,770

By Grades:

Crude No. 1, Chrysotile, Canada	18
Crude No. 1, Chrysotile, So. Rhodesia	63
Crude No. 2, Chrysotile, So. Rhodesia	42
Crude No. 2, Chrysotile, Other Countries	4
Crude, Other, Chrysotile, Mozambique	179
Crude, Other, Chrysotile, U. of So. Africa	270
Crude, Other, Chrysotile, So. Rhodesia	893
Crude, Other, Chrysotile, So. B. Africa	39
Crude, Other, Chrysotile, Other Countries	1
Crude, Blue, Bolivia	85
Crude, Blue, Australia	111
Crude, Blue, U. of So. Africa	514
Crude, Blue, Other Countries	2
Crude, Amosite, U. of So. Africa	1,680
Textile Fibres, Chrysotile, Canada	1,187
Textile Fibres, Chrysotile, U. of So. Africa	32
Textile Fibres, Chrysotile, Other Countries	10
Shingle Fibres, Chrysotile, Canada	3,944
Paper Fibres, Chrysotile, Canada	3,331
Other Fibres, Chrysotile, Canada	35,309
	47,714

Manufactured Asbestos Goods:

	November 1953 Quantity (lbs.)	Value
Asbestos Yarn, United Kingdom	52,862	$45,398

Asbestos Yarn, Other Countries	3,013	2,683
Asbestos Packing—Fabric	7,193	3,661
Asbestos Packing—Not Fabric	1,506	943
Asbestos Woven Fabrics—Other	8,568	9,669
Asbestos Cement Products (Not Impreg) Canada	531,480	36,250
Asbestos Manufactures—Others	....	1,260
	604,622	$99,864

ASBESTOS PRODUCTION IN AUSTRALIA

Production in 1952 reached the all-time record of 4,059 tons, of which 2,940 tons were blue fibre from Wittenoom, W. A. This substantial rise in production is the result of some years of developmental work, which included the establishment of a town, hospital, airport, and other amenities in a very remote locality. The production rate has improved still further in 1953, and the output for the year may reach 4,000 tons of blue asbestos and a total of about 5,500 tons of all types. Costs of production at Wittenoom are high, and the price is not at present competitive with comparable grades from Africa.

It appears certain that the 1953 rate of consumption of asbestos will be about the same as in 1952, i. e. 22,000 tons per year, and the excess of imports over exports will be in the vicinity of Al, 750,000.

(From The South African Mining & Engineering Journal, Feb. 27, 1954)

WILHELM BURGDORF

Importer of Raw Asbestos

P. O. Box 1131, BREMEN, GERMANY

COMPLETE PLANTS FOR MAKING ASBESTOS CEMENT PIPES

ALL SYSTEMS

Automatic Pipe Testing Machines — Precision Steel Mandrels
Aluminum Forms for Specials

Complete Plants for Making Sheets — Hatschek System
Automatic Corrugating Machines

Modern No-Loss Filters (Separators) • *Conveying of Cement in Bulk*

PLANTS CAN BE INSPECTED

Whole Plants Designed, Equipped and Started

ASBESTOS CEMENT ENGINEERING CO. S ar. l.

VIALE MISURATA, 10 MILAN, ITALY

Exports from U. S. A.

(Figures by Bureau of Census)

Unmanufactured Asbestos:

	December 1953 Tons (2240 lbs.)	Value
To: Canada	13	$ 1,087
Europe	40	4,357
Mexico	10	1,130
Other Countries	162	22,060
	225	$ 28,634

Manufactured Asbestos Goods:

		December 1953 Quantity	Value
Asbestos Pipe Covg. & Cement	Lbs.	246,385	$ 47,680
Asbestos Textiles & Yarn	Lbs.	36,254	57,589
Asbestos Packing	Lbs.	176,420	163,269
Asbestos Bk. Lng. (Mld.&S.Mld.)	Lbs.	462,969	367,997
Asbestos Bk. Lng. (Woven)	Lin. Ft.	52,717	29,603
Asbestos Clutch Facings	No.	103,525	77,098
Asbestos Brake Blocks	Lbs.	45,312	41,377
Asbestos Construction Materials	Lbs.	2,027,812	201,877
Asbestos Manufactures—Others	Lbs.	....	27,354
			$1,013,844

Forty leading manufacturers and distributors of home building materials and products have reserved space in "Building Your Home, 1954", a trade and public Exhibition of housing progress, sponsored by the Architectural League of New York, to be held May 27—June 6, at the 71st Regiment Armory, New York City.

The manufacturers represent a wide range of materials and products available for use in construction of today's house.

„ Tropag "

ASBEST- & ERZIMPORT OSCAR H. RITTER K. G.

Hamburg · — · Ballindamm 7

Importers since 1909 of

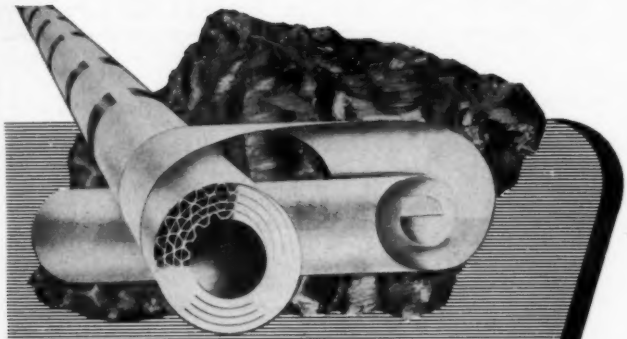
ASBESTOS - ORES - MINERALS

Exports from Canada

(Published by Dominion Bureau of Statistics)

Unmanufactured Asbestos:

	Year 1953		January 1954	
	Tons (2000 lbs.)	Value	Tons (2000 lbs.)	Value
Crude				
United States	289	$ 273,814	41	$ 35,331
United Kingdom	206	321,459	....	....
South America	....	....	....	....
Central America & Mexico	....	....	....	....
European Countries	94	88,227	....	....
Other Countries	45	36,083	....	....
	638	$ 719,583	41	$ 35,331
Milled				
United States	168,713	$28,062,395	12,405	$2,106,750
United Kingdom	19,403	4,444,483	423	63,159
South America	23,454	4,484,475	965	166,131
Central America & Mexico	4,475	697,112	40	4,655
European Countries	50,830	11,161,891	875	141,234
Other Countries	39,701	6,332,530	1,328	192,692
			16,036	$2,674,621
	316,588	$55,182,886		
Shorts				
United States	474,808	$22,829,483	31,342	$1,479,608
United Kingdom	32,313	1,322,763	2,230	85,792
South America	5,926	432,863	300	24,280
Central America & Mexico	390	21,922	....	....
European Countries	37,081	2,546,267	510	29,780
Other Countries	10,786	916,396	200	15,151
	561,304	$28,069,694	34,582	$1,634,611
Grand Total—Unmanufactured Asbestos	878,530	$83,972,163	50,659	$4,344,563
Manufactured Asbestos:				
Manufactured Asbestos Goods:				
Brake Lining		$ 251,287		$ 20,083
Packing		5,291		....
Other Materials		328,663		4,272
		$ 585,241		$ 24,355



MANUFACTURERS OF

Air Cell Pipe Insulation
Cell-O-Tone
Norriscell (Fine Corrugated)
Pipe and Block Insulation
Wool Felt Pipe Insulation
Asbestos Gaskets — Packings
Asbestos Textiles
V-Dent
Asbestos Corrugated Paper
Asbestos Millboard
Asbestos Paper

HEAT & COLD INSULATIONS

NORRISTOWN
MAGNESIA & ASBESTOS CO.

NORRISTOWN, PA.

NEWS OF THE INDUSTRY

BIRTHDAYS

Philip A. Meyer, President, Nicolet Asbestos Mines, Ltd., Norbestos, Que., Canada, April 16.

Robert W. Weaver, Vice-President, Grant Wilson, Inc., Chicago, Ill., April 16.

P. O. Baker, District Manager, Asbestos Textile & Packing Division, Raybestos-Manhattan, Inc., Providence, R. I., April 18.

Lorne Bain, President, Asbestos Erectors of Canada Ltd., Montreal, Canada, April 19.

Alvan D. Simpson, President, Asbestos Erectors, Inc., Bound Brook, N. J., April 19.

George A. MacLellan, Managing Director, George MacLellan & Co., Glasgow, Scotland, April 19.

Guy H. Montmartin, President, Alpine Mining Corporation, New York City, N. Y., April 21.

H. J. Dowd, First Vice President, Smith Asbestos Products, Inc., Millington, N. J., April 22.

John R. Skidmore, Secretary-Treasurer, Pacific Asbestos-Cement Products Corporation, San Bernardino, Calif., April 22.

H. B. Johnson, District Mgr., Philip Carey Mfg. Co., Chicago, Ill., April 23.

Joseph Matulicz, Partner, Amity Asbestos Associates, Brooklyn, N. Y., April 26.

Frank R. Hickory, President, Asbestos Products Inc., St. Paul, Minn., April 27.

J. Carroll Johnston, President & Treasurer, Atlas Asbestos Co., North Wales, Pa., April 28.

Merlin W. Simon, Secretary, Sprinkmann Sons Corp., Milwaukee, Wis., April 30.

Donald H. Spicer, President World Bestos Corporation, New Castle, Ind., April 30.

Richard H. Jaffer, President, York Insulation Company, Inc., Hillside, N. J., May 1.

R. G. Bennett, Roofing Manager, A. H. Bennett Co., Minneapolis, Minn., May 4.

Gerard A. Reynolds, Vice President, Armor Products, Inc., New York City, May 4.

S. E. Josi, Director, Johns-Manville Co., Ltd., London, England, May 5.

George S. Fabel, President, Southern Asbestos Co., Charlotte, N. C., and Thermoid Co., Trenton, N. J., May 7.

C. G. Dandrow, Vice President, Johns-Manville Sales Corporation, New York City, May 12.

L. M. Cassidy, Chairman of the Board, Johns-Manville Sales Corporation, New York City, May 13.

INDUSTRIAL SERVICE COMPANY

Builders of

ASBESTOS CEMENT MACHINERY

Our experienced engineers and machinists offer the industry entire machines built to deliver maximum production.

Your Inquiries Are Invited

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We are regularly shipping to leading overseas buyers all grades of asbestos fibre

DIRECT FROM MINES IN RHODESIA & SOUTH AFRICA AT COMPETITIVE MARKET PRICES

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L. T. Bennett, Vice President, A. H. Bennett Co., Minneapolis, Minn., May 14.

A. M. Ehret, Sr., Chairman, Ehret Magnesia Mfg. Company, Valley Forge, Pa., May 15.

To all these gentlemen we extend congratulations and good wishes on the occasion of their birthdays.

AMERICAN BRAKE SHOE COMPANY

Annual Report

The Annual Report of American Brake Shoe Company, for the year ending December 31, 1953 has been received.

Shipments for the year were $139,783,168 compared with $135,378,553 in 1952. Approximately $4,100,000 of shipments previously scheduled for December were rescheduled for January. While this reduced 1953 earnings by an estimated 20c per common share, the over-all result will be beneficial since profits on the deferred shipments are not subject to the excess profits tax which expired December 31.

Unfilled orders at December 31 amounted to $34,000,000, a decline of $11,000,000 since the beginning of 1953. Since August monthly production and shipments have exceeded orders.

Net earnings in 1953 amounted to $4,852,896 equal to $3.70 a common share. This amounted to a 4½% increase over earnings of $4,641,847 or $3.52 per common share in 1952.

A.S.T.M. COMMITTEE C-16—Thermal Insulating Materials

Committee C-16 has prepared two new specifications for Diatomaceous Earth Block Thermal Insulation (C333) and Diatomaceous Earth Block Thermal Insulation (334). There are no specifications covering these products other than Federal Specifications and the committee felt that industry's requirements are better represented in the proposed specifications than in the Federal Specifications.

Both specifications cover material intended for use on surfaces operating at temperatures up to approximately 1900 F as well as to material intended for use at temperatures up to 1500 F. The specified material is composed predominately of diatomaceous earth uniformly mixed with mineral fibre and with heat resistant inorganic binder.

THE CAREY COMPANY

The Philip Carey Mfg. Company recently opened a new office and warehouse at 8551 Brookpark Road, Cleveland 29, Ohio. The company's recent expansion in district service is in keeping with the building materials, industrial products and services offered by Carey.

W. E. Hess, Cleveland District Manager stated that Cleveland is a hub for Carey activity in Northern Ohio, Pennsylvania and New York.

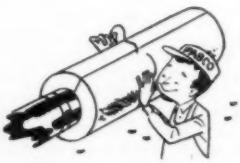
NOW, AS ALWAYS–

PABCO
PRECISION MOLDED
85% MAGNESIA HEAT INSULATION

... the Dependable Standard-Modernized

UNIFORM PRECISION

Dependable **precision in heat insulation, to meet modern engineering demands! Pabco "Precision Molded" 85% Magnesia combines time-tested superiority with precision molding — close tolerances, controlled sizes, light weight, uniform texture!**



SAVES MAN HOURS

Thus, Pabco is faster to apply! Easier to lift, quicker to cut and score, simpler to embed tie wires! You get Precision fit— pipe sizes and blocks *molded* to exact size!

PABCO PRODUCTS INC.
INSULATION DIVISION
San Francisco 19 New York 16
Manufacturers of Heat Insulation since 1920

UNION ABESTOS & RUBBER CO.

Annual Report

The net income in 1953 amounted to $164,736, equivalent to 35c per share compared with a net income in 1952 of $617, 236, or $1.30 per share

Norman C. Naylor, president, in his annual report to shareholders, pointed out that costs of entering the heating and air conditioning field partially account for the reduced earnings.

Net sales in 1953 totaled $11,401,293, approximately 12 per cent under 1952's record-breaking sales. The backlog of orders on December 31, 1953, amounted to $3,240,876, about eight per cent above the backlog on December 31, 1952.

CAREY—Annual Report

Net earnings of The Philip Carey Manufacturing Company and subsidiaries for the year ending December 31, 1953, were $2,398,508, or $2.90 per common share, compared with $2,264,692, or $2.73 per common share for 1952.

Dividends amounting to $1,357,445 were distributed during the year, $1.60 having been paid on each common share, and $5.00 on each share of preferred.

Consolidated net sales for 1953 were $52,095,904, compared with $52,825,328 for 1952.

R. S. King, Chairman of the Board, and J. W. Humphrey, President, reported that the splendid teamwork within the Carey organization and continued emphasis on research activities have resulted in substantial improvements and additions to their product lines.

UNITED STATES RUBBER CO.

New Appointment

Louis M. Boulware has been appointed assistant production manager of the textile division of United States Rubber Co.

In his new position, Mr. Boulware will supervise production at the rubber company's textile division plants in Scottsville, Va.; Gasontia, N. C.; Hogansville, Ga.; Shelbyville, Tenn.; and Winnsboro, S. C.

Mr. Boulware, who joined the company in 1938, was formerly plant manager of the company's Fisk Cord Mills, New Bedford, Mass. He has also held production posts at two other textile plants owned by the company.

JOHNS-MANVILLE CORP.

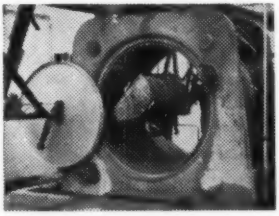
S. V. Dillon, formerly Manager for Electrical Products, has been named Manager Electrical Equipment Industry, of the Special Industries Department. He has been a member of the J-M organization thirty-four years and has handled the electrical products in many capacities.

W. G. Hoffer, former Staff Manager in the Electrical Department will succeed Mr. Dillon to the post of Manager for Electrical Products.

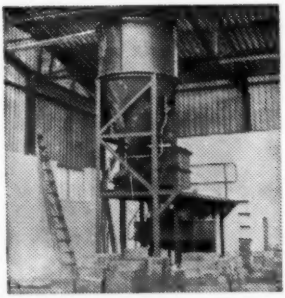
A BIG OPPORTUNITY for the Industrialist!

REVOLUTIONARY PROCESS FOR THE ASBESTOS-CEMENT INDUSTRY

THE ASBESTORITE Process now makes it possible to produce Asbestos-Cement roofing materials without the highly complicated plant and high capital outlay hitherto associated with the industry.



The Patent Holders are prepared to supply the plant and to negotiate with regard to the franchise for any area which is still open. They are also prepared to consider the manufacture of the machinery under license.



Flexibility. The plant, which is available in two sizes, makes it possible to produce profitably even on a comparatively small scale. High transport costs can thus be eliminated by local production — on a scale to grow with the demand.

Lower Material Costs. Asbestos costs represent one-third of the cost of the finished product. The Asbestorite process, because of its ability to handle fibres not useable by the conventional process, can produce asbestos-cement at a lower cost.

ASSOCIATED PIPE COMPANY (PTY) LTD.

P. O. BOX 42 · PAARDEN EILAND · CAPE TOWN · SOUTH AFRICA

U. S. RUBBER COMPANY
Changes In Personnel

The United States Rubber Company's textile division recently announced the promotion of *Woodrow D. Johnson* to general sales manager of all textile division products.

Mr. Johnson joined the company in 1952 as merchandise manager of consumer fabrics.

Virgil C. McQuiddy has been appointed sales manager for all yarns manufactured by the textile division.

Joseph B. Jackson has been appointed assistant sales manager, reporting to Mr. McQuiddy.

Mr. Jackson started with U. S .Rubber in 1933 at the Hogansville, Ga. plant. He has served as manager of the yarn sales offices in Gastonia, N. C., and Reading, Pa.

R. J. Keane, who started with the textile division as a salesman in 1947, will succeed Mr. Jackson as head of the Reading office.

W. N. REAKES GIVEN SCOUT APPOINTMENT

W. N. Reakes, District Engineer, Asbestos fibre Division, Canadian Johns-Manville Company Limited, Montreal, P. Q., Canada was appointed Assistant Provincial Commissioner for Lone Scouting and a member of the executive committee at the Annual Meeting of the Quebec Provincial Council held recently.

The Lone Scout Department makes the Scout and Wolf Cub program available to boys living in distant places from organized units and now has branched out to R. C. A. F. Stations, and also to some of the Indian and Eskimo boys in Northern Quebec.

Mr. Reakes has been a member of the Association for the past 34 years and is also secretary of the St. Barnabas Group Committee at St. Lambert, Quebec.

THE RUBEROID CO. ACQUIRES
Dixie Asphalt Products Corp.

The Ruberoid Co. has acquired all the assets, goodwill and going business of the Dixie Asphalt Products Corporation of Savannah, Georgia.

Dixie Asphalt, headed by President Claude O. Brown, was established in 1938 to manufacture asphalt shingles and roll roofings at a plant in Savannah serving the trade in North and South Carolina, Georgia and Florida.

Commenting on the acquisition, Mr. Woodward, President of Ruberoid, stated that no changes are presently contemplated in Dixie's established line of products and they will continue to serve customers with the well-known DAPCO and TEXACO brands of asphalt roofing made in Savannah.

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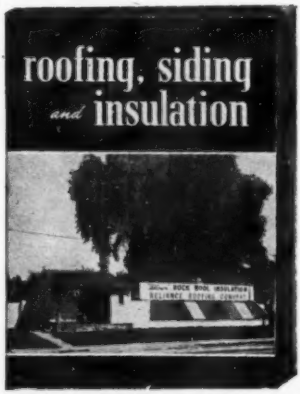

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PROMOTIONS AT CAREY

In a series of promotions at The Philip Carey Mfg. Company, *W. S. Reid* has been named Production Manager of the Carey Plymouth Meeting, Pa. plant and *K. R. Krieg* has been appointed to Ried's former position of Manager of Industrial Relations.

Before holding the position of Manager of Industrial Relations Mr. Reid was engaged in Quality Control and Production Supervision at Carey's home offices in Cincinnati. He was formerly affiliated with Proctor and Gamble in a production capacity.

Mr. Krieg was Safety Supervisor and Personnel Manager successively at Carey before assuming the position of Manager of Industrial Relations.

He is active in the Asphalt Roofing Industry Bureau, Safety Committee, President's Committee on Occupational Safety and Committee on Community Safety.

C. M. Weber, Manager Careystone Corrugated Department, has been appointed Manager of the Careyduct Department.

Mr. Weber's first association with Carey was in 1929 when he joined the firm as a draftsman. He was later made manager of the Careystone Corrugated Department and to these duties were added those of manager of the Built-Up Roofing Department. Mr. Weber resigned to join the H. Biddle Walker Company but in 1950 he returned to Carey as a technical consultant for mnauals on Corrugated Asbestos and Thermo-Bord. He was later made manager of the Careystone Corrugated Department and more recently the Careyduct Department.

ASBESTOS CHAPTER

Reprint from 1952 Minerals Yearbook

The 1952 Chapter on Asbestos from the U. S. Minerals Yearbook, published annually by the U. S. Bureau of Mines, has just arrived. All "ASBESTOS" readers who have collected an Asbestos Library, will want a copy. Send 10c (in coin) to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

It contains salient statistics of the Asbestos Industry in the United States, including a table of World production of Asbestos, (by countries) 1948 to 1952 inclusive.

Other information on the Asbestos Industry in 1952 which the pamphlet contains will no doubt be of interest to our readers.

THE RUBEROID CO.

Robert James Teuscher of Union, New Jersey, has been appointed a sales representative for the Ruberoid Co. With headquarters in Columbus, he will serve distributors in Ohio.

Before joining the company, Mr. Teuscher was staff assistant to the Employers' Association of North Jersey. For ten months he was assistant to Harry A. King, manager of Ruberoid's industrial and asbestos sales in New York.

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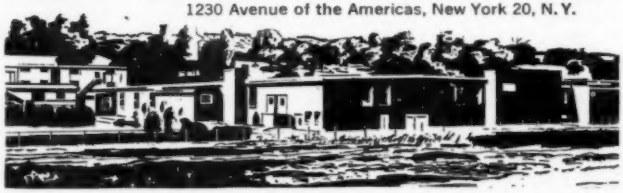

THE RUBEROID CO.

At the annual meeting of The Ruberoid Co. on April 30, stockholders will vote on a resolution to increase and change the authorized capital stock from 958,864 shares of no par value to 3,000,000 share of $1 par value.

The resolution also proposes a two for one split of presently outstanding shares which now amounts to $29,879,303. Directors of Ruberoid, a leading producer of asphalt and asbestos building materials, have approved the proposal.

Stockholders will also vote on a slate of 13 directors. Among those nominated for election, only William J. Van Akin, Vice President in Charge of Manufacture is not now a member of the board.

ASBESTOS STOCK QUOTATIONS

(These figures are compiled from the Commercial & Financial Chronicle. No guarantee as to their correctness)

		March 1954		
	Par	Low	High	Last
Amer. Br. Shoe (Com)	np	38¼	40	38½
Amer. Br. Shoe (Pfd)	100	102⅞	104¾	104¾
Armst. Ck. (Com)	np	64	65⅝	65⅜
Armst. Ck. (Pfd)	np	98¾	100	99¼
Armst. Ck. (Conv. Pfd)	np	127	130⅝	130
Asb. Corp. (Com)	np	25½	26½	25⅞
Carey (Com)	10	18¼	19⅛	19⅛
Cassiar Asb. Corp.	np	$6.10	$6.30	$6.25
Celotex (Com)	np	18¼	18¾	18¾
Celotex (Pfd)	20	16⅝	17	16⅞
Certainteed (Com)	1	14½	15⅜	14⅞
Flintkote (Com)	np	28⅞	30⅝	29⅝
Flintkote (Pfd)	np	100½	101	101
Johns-Manville (Com)	np	63	71	63¾
Natl. Gypsum (Com)	1	23⅝	25	24¼
Natl. Gypsum (Pfd)	np	98¾	99⅜	99
Pabco Products (Com)	np	15⅞	16⅝	16
Pabco Products (Pfd)	100	86¾	86¾	86¾
Ray-Man (Com)	np	39⅝	40⅞	40⅞
Ruberoid (Com)	np	65⅝	70½	66
Thermoid (Com	1	6⅞	7⅛	7⅛
Thermoid (Pfd)	50	40⅛	40½	40½
Union Asb. & Rub (Com)	5	8⅛	9¼	9¼
United Asb. (Com)	1	$3.50	$4.10	$4.00
U. S. Gypsum (Com)	20	125½	133½	132½
U. S. Gypsum (Pfd)	100	176¾	176¾	176¾
U. S. Rubber (Com)	5	30⅛	32¼	31⅝
U. S. Rubber (Pfd)	100	144½	148½	146½

THE VANCOUVER PROVINCE

A new asbestos mine may be in the making a mile from the British Columbia border in The Alaska Panhandle.

An arrangement with the Asbestos Corporation (Explorations) Limited of Thetford Mines, Que., has been concluded by R. S. Douglas, President of Douglas Mining & Development Co. of Vancouver.

Mr. Douglas reported a cash payment had been received and options arranged. The Asbestos Corporation has until the end of August to exercise the options.

The prospect consists of claims near Hyder, Alaska, on Ibex Mountain near Stewart at the head of Portland Canal. Claims are nine miles from the end of the road to Premier Mine.

Surface examination shows long fibre (chrysotile) asbestos. The claims were staked by a Seattle prospector, Frank Blasher.

CURRENT RANGE OF PRICE

As of April 10, 1954

Arizona—	Per Ton of 2,000 lbs., f.o.b. Globe, Arizona		
No. 1 Crude (soft)	$1,600.00	to	$1,700.00
No. 2 Crude (soft)	1,000.00	to	1,050.00
No. 3 Crude (soft)	450.00	to	500.00
Filter Fibre (soft)	250.00	to	450.00
No. 1 Crude (semi-soft)	1,200.00	to	1,500.00
No. 2 Crude (semi-soft)	900.00		
No. 3 Crude (semi-soft)	400.00		

Canada—	Per Ton (2000 lbs.) f.o.b. Mine		
Group No. 1 (Crude No. 1)	$1,100.00	to	$1,500.00
Group No. 2 Crude No. 2; Crude Run-of-Mine and Sundry	500.00	to	1,000.00
Group No. 3 (Spinning Fibre)	300.00	to	525.00
Group No. 4 (Shingle Fibre)	150.00	to	200.00
Group No. 5 (Paper Fibre)	100.00	to	140.00
Group No. 6 (Waste, Stucco or Plaster)			77.00
Group No. 7 (Refuse or Shorts)	35.00	to	70.00

Vermont— Per Ton of 2000 lbs. f.o.b. Hyde Park or Morrisville, Vt.			
Group No. 3 (Spinning & Filtering)	$ 321.00	to	$ 348.00
Group No. 4 (Shingle Fibre)	156.00	to	173.00
Group No. 5 (Paper Fibre)	110.00	to	132.00
Group No. 6 (Waste, Stucco or Plaster)			78.00
Group No. 7 (Refuse or Shorts)	37.00	to	68.50

JOHNS-MANVILLE
Change In Personnel

Appointment of *Stephen V. Dillon* to the newly established post of Manager for Electrical Equipment Industry of the Johns-Manville Special Industries Department was recently announced by company officials.

Wilbert G. Hoffer was appointed Manager for Electrical Pro ducts, succeeding Mr. Dillon, at the same time.

Mr. Dillon joined Johns-Manville in 1920 as Secretary to the General Manager, Electrical and Auto Equipment Departments. In 1937 he was named Assistant Staff Manager for Electrical Products and in 1949 was appointed Manager for Electrical Products.

Mr. Hoffer joined Johns-Manville in 1940 as Assistant District Engineer for the Industrial Products Division at Chicago. In 1948 he was transferred to New York City as a Staff Manager in the Electrical Department.

W. D. CALLAN RETIRES

W. D. Callan of the Philip Carey Mfg. Company retired recently after many years in the heating and air conditioning field.

At that time he was presented with a complete set of fishing equipment to help him while away his well earned leisure hours.

Mr. Callan served Carey as Manager of the Careyduct Department for many years. He is recognized as an authority on the problems of heating and air conditioning and their solution with the use of Careyduct.

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RAYBESTOS-MANHATTAN, INC.

Annual Report

Annual Report of Raybestos-Manhattan, Inc. for 1953 shows net income of $3,361,506, or $5.35 per share. For 1952 net income was $3,175,611, or $5.05 per share.

Net sales in 1953 were $74,277,791, compared with $73,230,550 in 1952.

Detailed figures for 1953 follow. Comparable figures for 1952 are given on page 38 of our April 1953 number.

Net Sales	$74,277,791
Manufacturing Cost of Sales	56,040,698
Gross Profit	18,237,092
Selling, Administrative and General Expenses	11,099,675
Profit from Operations	7,137,417
Other Income, Discount, Interest, Dividends, Etc.	839,098
Total Income before Taxes	7,976,506
Provision for Taxes	4,615,090
Net Income Transferred to Surplus	$ 3,361,506
Surplus as of December 31, 1953	$27,785,228

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FRANK E. RICHART AWARD

The Directors of the American Society for Testing Materials are pleased to announce the establishment of the Frank E. Richart Award which has been made possible through the interest of his family.

An Honorary Member of the Society, a long-time worker and officer, and chairman of Committee C-9 on Concrete and concrete Aggregates in which field he was an outstanding authority, Professor Richart was Senior Vice President of ASTM when he became ill. He died in July 1951, shortly after attending the Annual Meeting in Atlantic City.

THE PHILIP CAREY MFG. COMPANY
Annual Stockholders Meeting

The annual stockholders meeting of The Philip Carey Manufacturing Company was recently held at the general offices in Lockland, Cincinnati, Ohio.

All directors, executive committeemen and officers were re-elected.

Carey is well known for a diversified line of industrial products and building materials. A leader in research, Carey has developed many fire-resistant materials. The company has international sales and manufacturing facilities.

BROR DAHLBERG, FOUNDER OF CELOTEX, PASSES AWAY

Death has ended the spectacular career of *Bror Gustave Dahlberg*, a Sweedish-born Chicago industralist who turned a waste sugar product into a multimillion-dollar industry.

The 73-year-old executive died of a heart attack recently in his Miami Beach, Florida home.

Mr. Dahlberg developed the process of making synthetic board from bagasse, the fibrous residue left from sugar cane after the juice is extracted.

He founded the Celotex Corporation in 1921 and retired as president of that company in 1948 and as chairman of the board in 1951, but continued as a director.

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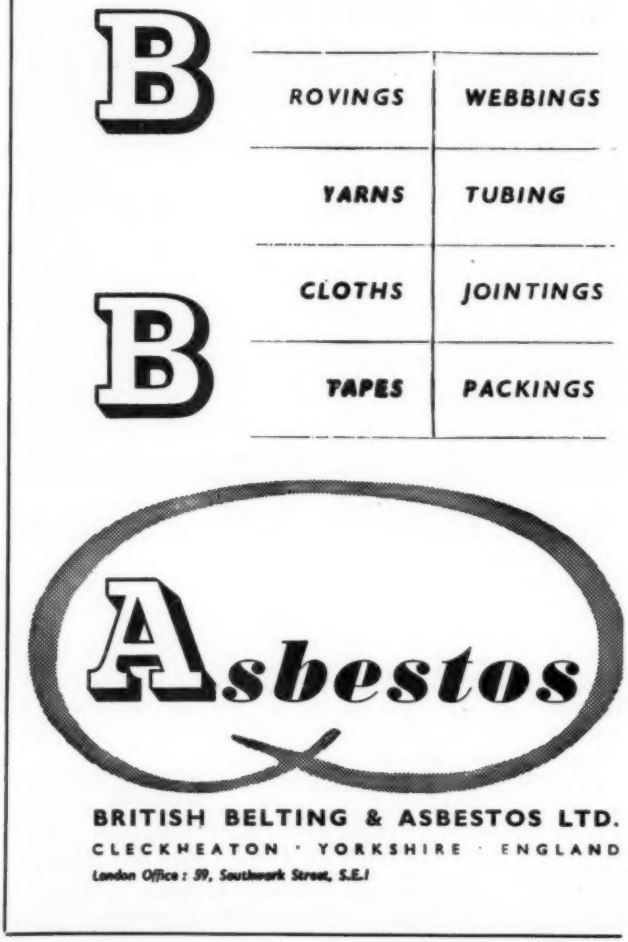
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CANADIAN SPECIFICATIONS

The list of Canadian Specifications has been revised as of January 2, 1954 and a copy can be obtained from the Canadian Government Specifications Board, National Research Council, Ottawa, Canada, at 10c each, (except the Schedule of Methods of Sampling and Testing—Asbestos-Cement Products, which is 20c).

The following Asbestos materials are included in the list:

Asbestos-Cement Conduit, Electrical
Asbestos-Cement Pipe, Flue
Asbestos-Cement Pipe, House Connection
Asbestos-Cement Pipe, Industrial Vent
Asbestos-Cement Pipe, Pressure
Asbestos-Cement Pipe, Sewer
Asbestos-Cement Products:
Schedule of Methods of Sampling and Testing
Asbestos-Cement Sheets, Corrugated
Asbestos-Cement Sheets, Dielectric
Asbestos-Cement Sheets, Flat, Decorative
Asbestos-Cement Sheets, Flat, Flexible
Asbestos-Cement Sheets, Flat, Fully-Compressed
Asbestos-Cement Sheets, Flat, Semi-Compressed
Asbestos-Cement Sheets, for Electrical Purposes
Asbestos-Cement Shingles, Roofing
Asbestos-Cement Shingles, Siding

The Metal Power Association will sponsor a national Meeting and SHOW devoted solely to powder metallurgy, the metal powder industry and the arts and sciences based on metal powders. Time and place: April 26-27-28, Drake Hotel, Chicago, Illinois.

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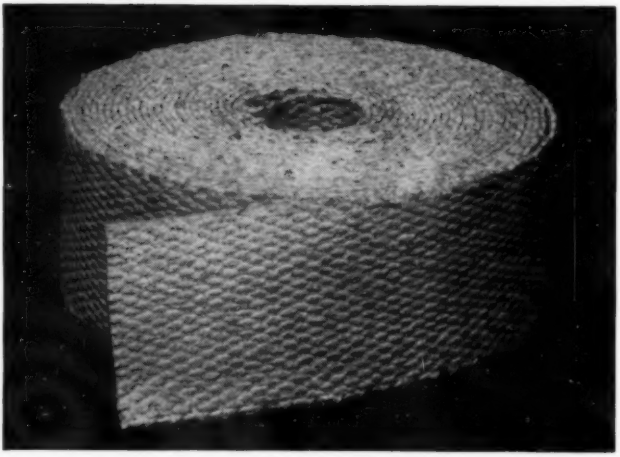

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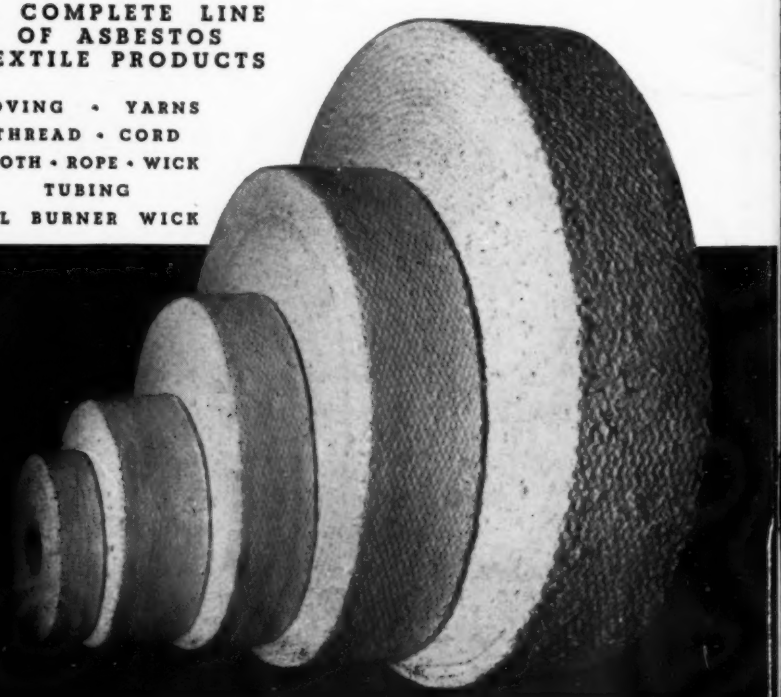

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